

CURRENTLY PENDING CLAIMS

34. (Once Amended) An isolated nucleic acid molecule comprising a nucleotide sequence selected from the group consisting of:

- (a) SEQ ID NO:1;
- (b) a complement of SEQ ID NO:1;
- (c) a nucleotide sequence comprising 289 or more contiguous nucleotides of SEQ ID NO:1;
- (d) a complement of (c);
- (e) a nucleotide sequence comprising 500 or more contiguous nucleotides of SEQ ID NO:1; and
- (f) a complement of (e).

35. The isolated nucleic acid molecule according to claim 34, said nucleic acid being DNA.

36. The isolated nucleic acid molecule according to claim 34, said nucleic acid being RNA.

37. (Once Amended) An expression vector comprising the nucleic acid molecule of claim 34.

38. (Once Amended) A host cell comprising the vector of claim 37.

39. The host cell according to claim 38 which is a eukaryotic cell.

40. The host cell according to claim 38 which is a human cell.

41. The host cell according to claim 38 which is a prokaryotic cell.

42. (Once Amended) Isolated DNA or RNA comprising 289 or more contiguous nucleotides of:

- (a) SEQ ID NO:1; or
- (b) a complement of SEQ ID NO:1.

46. (Once Amended) An expression vector comprising the DNA or RNA of claim 42.

48. (Once Amended) A host cell comprising the vector of claim 46.

50. The host cell according to claim 48 selected from the group consisting of a eukaryotic cell, a human cell and a prokaryotic cell.

52. (Once Amended) An isolated polynucleotide comprising a nucleotide sequence selected from the group consisting of:

- (a) SEQ ID NO:46, SEQ ID NO:47, and SEQ ID NO:49;
- (b) a complement of (a);
- (c) a nucleotide sequence comprising at least 25 contiguous nucleotides of any one of SEQ ID NO:48, SEQ ID NO:50, and SEQ ID NO:51; and
- (d) a complement of (c).

53. (Once Amended) An isolated nucleic acid molecule which comprises 40 or more contiguous nucleotides of SEQ ID NO:1 and includes at least one single nucleotide polymorphism selected from the group consisting of:

- (a) an A at position 6684;
- (b) a G at position 6684;
- (c) a C at position 6991;
- (d) a T at position 6991;
- (e) a C at position 3176; and
- (f) a T at position 3176.

54. (Once Amended) An isolated nucleic acid fragment of BAC RP11-0702C13 which comprises 289 or more contiguous nucleotides of SEQ ID NO:1.

56. (Once Amended) An isolated nucleic acid molecule comprising a nucleotide sequence selected from the group consisting of:
- (a) SEQ ID NO:2;
 - (b) a nucleotide sequence encoding amino acid sequence SEQ ID NO:3;
 - (c) a complement of SEQ ID NO:2;
 - (d) a nucleotide sequence comprising 289 or more contiguous nucleotides of SEQ ID NO:2;
 - (e) a complement of (d);
 - (f) a nucleotide sequence comprising 500 or more contiguous nucleotides of SEQ ID NO:2;
 - (g) a complement of (f); and
 - (h) a nucleotide sequence which encodes 100 or more consecutive amino acids of SEQ ID NO:3.
57. The isolated nucleic acid molecule according to claim 56, said nucleic acid being DNA.
58. The isolated nucleic acid molecule according to claim 56, said nucleic acid being RNA.
59. (Once Amended) An expression vector comprising the nucleic acid molecule of claim 56.
60. (Once Amended) A host cell comprising the vector of claim 59.
61. The host cell according to claim 60 which is a eukaryotic cell.
62. The host cell according to claim 60 which is a human cell.
63. The host cell according to claim 60 which is a prokaryotic cell.

64. (Once Amended) Isolated DNA or RNA comprising 289 or more contiguous nucleotides of:

- (a) SEQ ID NO:2; or
- (b) a complement of SEQ ID NO:2.

68. (Once Amended) An expression vector comprising the DNA or RNA of claim 64.

70. (Once Amended) A host cell comprising the vector of claim 68.

72. (Once Amended) The host cell according to claim 70 selected from the group consisting of a eukaryotic cell, a human cell and a prokaryotic cell.